

**NWS EHB 6-550TP-3
AF TO 31P1-4-108-101TP-3
FAA TI 6460.1 V20TP-3**

**TECHNICAL ORDER PAGE SUPPLEMENT
TECHNICAL MANUAL**

**MAINTENANCE INSTRUCTIONS
REAL PROPERTY INSTALLED EQUIPMENT (RPIE)**

**DOPPLER METEOROLOGICAL RADAR
WSR-88D**

UNISYS CORPORATION
CONTRACT 50-DMNW-8-00032

THIS TOPS SUPPLEMENTS NWS EHB 6-550, AF TO 31P1-4-108-101, and FAA TI 6460.1 V20, DATED 15 AUGUST 1992.

THIS TOPS SUPPLEMENTS NWS EHB 6-550TP-2, AF TO 31P1-4-108-101TP-2, and FAA TI 6460.1 V20TP-2, DATED 20 AUGUST 1997.

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LIST OF EFFECTIVE PAGES

Dates of issue for TOPS affected herein are :

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NOTE: TOPS data pages do not supersede pages of basic TO. TOPS data pages shall be inserted facing the amended page in basic TO.

Remove superseded and deleted TOPS pages. Add new or superseding TOPS pages contained in this TOPS. Retain unchanged TOPS pages. Total number of effective TOPS pages is 8.

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The Table of Contents is amended as follows:

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3-5.3.19	Time Delay Relay (UD10A1K1) Removal/Replacement	3-109
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Paragraph 1-3.2.1 is amended as follows:

1. Radome heating uses 10 kW heater(s) UD2HR1, (HR2 and HR3 are optional) to perform the heating function. Each 10 kW heater is pointed **AWAY** from the pedestal. The radome heaters are turned on or off by a thermostat located on each 10 kW heater. Power is applied to the heaters during maintenance or during periods of extreme cold weather. Heaters are normally turned off. See FO 1-2 sheet 2 for the Radome heater circuitry. Various WSR-88D site areas require different levels of heating as follows:
 - a. Level 0 heating has no 10 kW heaters installed.
 - b. Level 1 heating is a single 10 kW heater, it can be moved by using a portable host if necessary.
 - c. Level 2 heating uses a level 1 heater and one permanently installed 10 kW heater.
 - d. Level 3 heating uses a level 1 heater and two permanently installed 10 kW heaters.

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Paragraph 3-5.3.19 is amended as follows:

3-5.3.19 Time Delay Relay (UD10A1K1) Removal/Replacement. This procedure requires two technicians.

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Paragraph 3-5.3.25 is amended as follows:

3-5.3.25.1 Equipment and Tools Required.

7. Safety Harness

3-5.3.25.3 Removal/Replacement Procedure.

WARNING

Failure to use safety equipment can cause severe injury or **DEATH** by impact with the surface below. Ensure all personnel are clear of the area below. Properly secure the safety harness prior to performing any maintenance tasks.

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Paragraph 3-5.3.26 is amended as follows:

3-5.3.26.1 Equipment and Tools Required.

5. Safety Harness

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Paragraph 3-5.3.26.3 is amended as follows:

3-5.3.26.3 Removal/Replacement Procedure.

WARNING

Failure to use safety equipment can cause severe injury or **DEATH** by impact with the surface below. Ensure all personnel are clear of the area below. Properly secure the safety harness prior to performing any maintenance tasks.

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Paragraph 3-6.5.3 is amended as follows:

25. At the RDA Maintenance terminal Main Menu command line, enter **STBY**<return> to place the transmitter in standby.
26. At the RDA Maintenance terminal Main Menu command line, enter **TERP**<tab><*password*> to shut down the applications program.
27. Simultaneously press the <Shift> and <Port> keys to access the RDA system console (* prompt).
28. At the OS/32 prompt (*), enter **RDAUP**<return> to restart the applications program.